

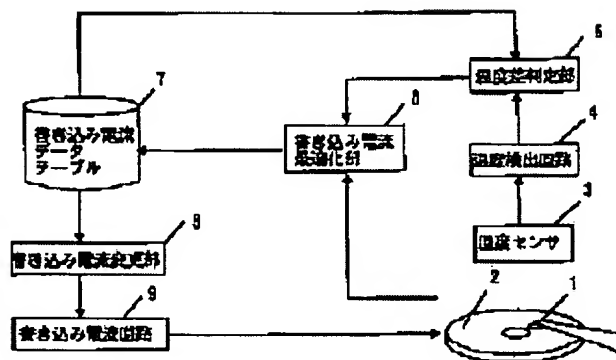
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## FIXED MAGNETIC RECORDER

Patent number: JP10334402  
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Classification:  
- international: G11B5/02; G11B5/39  
- european:  
Application number: JP19970136383 19970527  
Priority number(s):

## Abstract of JP10334402

**PROBLEM TO BE SOLVED:** To prevent deterioration of a characteristic due to a temp. of the recorder by measuring a temp. change in the vicinity of an MR head and a magnetic disk, changing gradually a write current when a temp. difference from an initial set temp. becomes more than a prescribed value and then obtaining the best value of an error rate.  
**SOLUTION:** The temp. difference is calculated by a temp. difference deciding part 5 based on the initial set temp. of a write current data table, and when this temp. difference reaches the prescribed temp. difference, optimization is performed by a write current changing part 8 and a write current circuit 9. Then, while write current values are changed, error rates corresponding to the individual write current values respectively are calculated. Such a write current value as obtainable of the best error rate is updated as the optimum value, and is stored in the write current data table 7. Then, in reference to this data, a desired write current to be changed is instructed to the write current changing part 8 when the data is recorded.



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